

CALIFORNIA ENERGY COMMISSION
Peak Load Reduction Program
Milking System Retrofit
L & M Dairy Project Summary

Project Description:

L & M Dairy, located in Merced, California, needed to update their milking system. A 10 horsepower, lobe blower vacuum pump was retrofitted for control by a variable speed drive. This replaced an existing oversized 15 horsepower, single speed pumping system.

Project Results:

This facility has multiple loads on one service meter. Since the retrofit, energy savings as high as 70% have been measured.

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|------------------------------|---------|
| Total Project Cost | \$7,500 |
| Total Grant Award | \$2,285 |
| Contracted kW Load Reduction | 9.14 |

Contact Information:

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New 10 hp motor and lobe blower vacuum pump



New variable speed drive